
May 2nd Meeting
Topic: Sanitary Sewer Overflows

J.C. Goldman, Jr., P.E. will speak at the May 2nd meeting on Sanitary Sewer Overflows (SSO). Specifically he will discuss EPA regulations, the magnitude of the problem and future directions. Mr. Goldman is the Executive Vice President of the ADS Corporation.

Cost of the luncheon is \$10.00 (\$5.00 for students). If you do not hear from the telephone committee by noon on Friday, April 28, please call in your reservation to Art Hargrove at 544-7964 or email him at arthur.hargrove@msfc.nasa.gov.

Southeastern Regional Competition
Alabama A&M University

Alabama A&M University's ASCE student club was well in attendance at the 2000 Southeastern Regional Conference. With our advisor Mr. James Foreman, nine students were present to compete and represent AAMU's club.

During conference we competed in five events. We won third place in T-shirt design and fifth place in Visual Presentation. Our Visual Presentation was a short, yet funny skit called Who Wants to be a Civil Engineer? This was an adaptation from the television game show Who Wants to be a Millionaire? Our canoe, The Testament, placed seventh in the concrete canoe competition. This was very exciting and momentous for us. We competed in both distance races as well as all three sprint finals. Also our coed team competed in the petite sprint finals.

This year's 2000 Southeastern Regional Conference was a fun and enjoyable one. We are happy and thankful to Tennessee Technical University for showing us so much hospitality and kindness. We look forward to seeing everyone again at next year's conference at Auburn University.

University of Alabama in Huntsville

The UAH ASCE Chapter attended the ASCE Southeast Regional Competition in Cookeville, Tennessee at Tennessee Technological University on March 30 through April 1. Twenty other ASCE Chapters from universities throughout the south competed in the competitions. The competitions include the concrete strength, surveying, t-shirt, visual presentation, technical paper, geotechnical, environmental, steel bridge, and mystery competition. This was the culmination of seven months of preparation for the chapter and our preparation paid off. Our team placed 1st overall in the Concrete Canoe Competition making this the 11th year in a row that UAH has won the Regional Concrete Canoe Competition and will go on to represent the Southeast Region at the ASCE/MBT National Concrete Canoe Competition. This will be an

exciting year as the Southeast Region is sending three teams to the National Concrete Canoe Competition. Besides UAH, Florida University and Florida Institute of Technology will also be representing the Southeast Region. Our team also placed 3^d in the environmental competition and 7th place in the mystery competition. The environmental competition involved designing a process for water treatment and producing 1L of drinking water, which complies with EPA standards, from 4L of wastewater. The mystery competition involved using a GPS receiver to locate waypoints on a course and to reach the finish in the fastest time.

The performance in these competitions was good enough for UAH to secure a 6th place overall finish at the conference. Now our attention is turned to preparing for the ASCE/MBT National Concrete Canoe Championship, which will be held in Golden, Colorado at the Colorado School of Mines on June 24 – 26, 2000. The name of the canoe UAH will take to the national competition is **Ingenuity**. The name expresses our belief of what it will take to be successful this year. The boat is 6.93 m (22.75 ft) long and has a mass of 35.8 kg (79 lb.), a maximum width of 86.4 cm (34 in.), and a maximum depth of 33.7 cm (13.25 in.). A 757 kg/m³ (47.3 lb/ft³) concrete mix, having an average 7-day tensile strength of 1.77 MPa (256 psi), was used to produce the hull. We placed this water-resistant concrete by hand over three layers of graphite mesh, and employed an ingenious construction scenario to eliminate permanent spacers. The nominal wall thickness of the hull is 0.74 cm (0.291 in.), and the boat is painted black with multicolored designs. We hope our hard work and research has produced a winner this year. I would like to thank the Huntsville ASCE Branch for its continued support of the UAH ASCE Student Chapter. We hope to make you proud and bring home a fifth National Concrete Canoe title to UAH.

ASCE Fishing Trip

Our second annual ASCE deep sea fishing trip will be held on Saturday, August 5, 2000, immediately following the Summer Meeting in Gulf Shores. I have reserved the "Good Times." The boat is 42' long and is moored at Zeke's Marina. Kevin Murphy is the captain. We plan to meet at 6:30 a.m. on the dock. The boat will return at about 4:30 p.m. (continued on back)

Possibilities include trolling for King and Spanish; and, more likely, bottom fishing for Redfish, Grouper, and Amberjack. Kevin will put us on the fish. Last year, we fell short of the legal limit by only one fish.

The cost for this 10 hour trip is \$150. The price includes rods, reels, bail, tip, license, and fish cleaning. Those of you who have done this type of fishing before know that the price is very reasonable, and the trip will be limited to the first ten people that book. We need to bring only food, drink, and coolers; no glass bottles are allowed. Please

contact John Gilbert (256) 890-6029 ext 391 or Joe Meads (205) 940-6420 for further information.

Upcoming Huntsville Branch Meeting Dates

June 6, August-Alabama Section Meeting, September 5, October 3, November 7, December 5, January 2, February 6, March 6, April 3, and May 1. The normal meeting date for July will be on July 4; therefore a new date will be provided later.

Newsletter Items of Interest

Please provide items of interest or announcements for the next newsletter two weeks before the next meeting date (i.e. May 23rd). Please e-mail any announcements or suggestions to me at the following address:

mfunderburg@fwenc.com

NEXT MEETING: May 2nd

@ 11:30 A.M.

Holiday Inn - Research Park
5903 University Drive (Our Usual Location)

RESERVATIONS: Art Hargrove 544-7964

arthur.hargrove@msfc.nasa.gov

Huntsville Branch Officers

President: Timothy E. Barnett, P.E. (256) 427-5300

Vice President: Fritz Mucke, P.E. (256) 851-9917

Secretary: Marcella L. Funderburg (256) 830-4100

Treasurer: Jeff Mullins (256) 539-3431

<http://www.geocities.com/CapeCanaveral/Hangar/5545/>

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